

VOCATIONAL EDUCATION GRADES 7-12

SEVENTH GRADE

	<u>Abbreviation/Code</u>	<u>VEPC</u>	<u>Endorsement/Employment Standards</u>
<i>Foundations of Technology</i> (1)	<i>Found Tech</i>	<i>0735</i>	<i>TE</i>
<p>001, 101, 400, 401, 402, 070, 230, 470, 477, 013, 014, 015, 016, 017, 211, 212, 214, 413, 415, 416, 417, (042 and 043), (042 and 044), (042 and 045), (042 and 046), (042 and 047), (042 and 077), (042 and 078) (042 and 079), (043 and 044), (043 and 045), (043 and 046), (043 and 047), (043 and 077), (043 and 078), (043 and 079), (044 and 045), (044 and 046), (044 and 047), (044 and 077), (044 and 078), (044 and 079), (045 and 046), (045 and 047), (045 and 077), (045 and 078), (045 and 079), (046 and 047), (046 and 077), (046 and 078), (046 and 079), (047 and 077), (047 and 078), (047 and 079), (077 and 078), (077 and 079), (078 and 079)</p> <p>(1) Teachers who teach this course must hold proper endorsement <u>and</u> have completed the state-approved, five-day training for Foundations of Technology <u>prior</u> to teaching the course. Instructors having the following endorsements must attend the training: (001, 101, 400, 401, 402, 013, 014, 015, 016, 017, 211, 212, 214, 413, 414, 415, 416, 417). In addition, instructors having only endorsements 013, 014, 015, 016, 017, 211, 212, 214, 413, 415, 416, 417, must complete the state-approved, two-day facilities management/safety training prior to teaching the course. Instructors having the endorsements 070, 230, or 470 are not required to participate in training. Instructors are required to attend training only one time.</p> <p>Candidates who hold a bachelor's degree and a professional occupational education license may be issued a professional license endorsed in technology education provided they: (1) complete a 5-day training in technology-engineering offered by the Department of Education (or equivalent methods course); (2) complete a one-day training in safety; (3) pass the Praxis examination; (4) pass the Praxis in Principles of Learning and Teaching; and (5) are recommended by the Division of Vocational-Technical Education.</p> <p>Any technology education instructor who was teaching technology education in Tennessee prior to September of 1980 and each year thereafter including the current year and has at least two (2) of the following endorsements in technology education may teach the Foundations of Technology course listed above {042, 043, 044, 045, 046, 047, 077, 078, and 079} . This is not a grandfathered area.</p>			
<i>Teen Living</i>	<i>Tn Liv</i>	<i>0739</i>	<i>FCS</i>
			<i>050, 450</i>

VEPC -- Vocational Education Program Classification

Courses in ***bold italic print within a double lined box*** are vocationally funded courses.

EIGHTH GRADE

Abbreviation/Code

VEPC

Endorsement/Employment Standards

Foundations of Technology (1)

Found Tech 0835

TE

001, 101, 400, 401, 402, 070, 230, 470, 477, 013, 014, 015, 016, 017, 211, 212, 214, 413, 415, 416, 417, (042 and 043), (042 and 044), (042 and 045), (042 and 046), (042 and 047), (042 and 077), (042 and 078) (042 and 079), (043 and 044), (043 and 045), (043 and 046), (043 and 047), (043 and 077), (043 and 078), (043 and 079), (044 and 045) (044 and 046), (044 and 047), (044 and 077), (044 and 078), (044 and 079), (045 and 046), (045 and 047), (045 and 077), (045 and 078), (045 and 079), (046 and 047), (046 and 077), (046 and 078), (046 and 079), (047 and 077), (047 and 078), (047 and 079), (077 and 078), (077 and 079), (078 and 079)

(1) Teachers who teach this course must hold proper endorsement and have completed the state-approved, five-day training for Foundations of Technology prior to teaching the course. Instructors having the following endorsements must attend the training: (001, 101, 400, 401, 402, 013, 014, 015, 016, 017, 211, 212, 214, 413, 414, 415, 416, 417). In addition, instructors having only endorsements 013, 014, 015, 016, 017, 211, 212, 214, 413, 415, 416, 417, must complete the state-approved, two-day facilities management/safety training prior to teaching the course. Instructors having the endorsements 070, 230, or 470 are not required to participate in training. Instructors are required to attend training only one time.

Candidates who hold a bachelor's degree and a professional occupational education license may be issued a professional license endorsed in technology education provided they: (1) complete a 5-day training in technology-engineering offered by the Department of Education (or equivalent methods course); (2) complete a one-day training in safety; (3) pass the Praxis examination; (4) pass the Praxis in Principles of Learning and Teaching; and (5) are recommended by the Division of Vocational-Technical Education.

Any technology education instructor who was teaching technology education in Tennessee prior to September of 1980 and each year thereafter including the current year and has at least two (2) of the following endorsements in technology education may teach the Foundations of Technology course listed above {042, 043, 044, 045, 046, 047, 077, 078, and 079}. This is not a grandfathered area.

Teen Living

Tn Liv

0839

FCS

050, 450

VEPC -- Vocational Education Program Classification

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OO -- INFORMATION TECHNOLOGY
Abbreviation/Code
VEPC
Endorsement/Employment Standards

<i>Internet Navigation Communication Systems</i>	<i>Int Nav</i>	<i>3704</i>	<i>OO</i>	<i>034, 037, 041, 055, 056, 057, 201, 203, 204, 311, 430, 434, 435, 436, 474, 475</i>
<i>Management</i>	<i>Mgt</i>	<i>3707</i>	<i>OO</i>	<i>034, 037, 041, 055, 056, 057, 201, 202, 203, 204, 311, 430, 434, 435, 436, 474, 475</i>
<i>Keyboarding</i>	<i>Keybd</i>	<i>3710</i>	<i>OO</i>	<i>032, 037, 041, 055, 056, 057, 203, 204, 311, 432, 434, 435, 436, 474, 475</i>
<i>Document Creation Design</i>	<i>Doc Design</i>	<i>3727</i>	<i>OO</i>	<i>037, 041, 055, 056, 057, 203, 204, 311, 434, 435, 436, 474, 475</i>
<i>Automated Accounting</i>	<i>Auto Acct</i>	<i>3728</i>	<i>OO</i>	<i>030, 054, 055, 201, 203, 311, 430, 434, 435, 436, 474, 475</i>
<i>Spreadsheet Applications</i>	<i>Spr Sheet App</i>	<i>3729</i>	<i>OO</i>	<i>030, 037, 041, 054, 055, 056, 057, 201, 203, 204, 311, 430, 434, 435, 436, 474, 475</i>
<i>Information Management Systems</i>	<i>IMS</i>	<i>3730</i>	<i>OO</i>	<i>037, 041, 055, 056, 057, 203, 204, 311, 434, 435, 436, 475</i>
<i>Database Design/Management</i>	<i>Data Mgt</i>	<i>3735</i>	<i>OO</i>	<i>030, 037, 041, 054, 055, 056, 057, 201, 203, 204, 311, 430, 434, 435, 436, 474, 475</i>
<i>Administrative Management Systems</i>	<i>Adm Mgt</i>	<i>3737</i>	<i>OO</i>	<i>037, 041, 054, 055, 056, 057, 203, 204, 311, 434, 435, 436, 474, 475</i>
<i>Desktop Publishing</i>	<i>DT Pbl</i>	<i>3741</i>	<i>OO</i>	<i>037, 041, 055, 056, 057, 203, 204, 311, 434, 435, 436, 474, 475</i>
<i>Interactive Multimedia Design</i>	<i>Int Mul Des</i>	<i>3746</i>	<i>OO</i>	<i>037, 041, 055, 056, 057, 203, 204, 311, 434, 435, 436, 474, 475</i>
<i>HQ - International Business/Marketing (1)</i>	<i>Int Bus Mkt</i>	<i>3750</i>	<i>OO</i>	<i>039, 052, 054, 201, 202, 204, 311, 430, 435, 436, 471, 472, 474, 475</i>
<i>(1) International Business/Marketing satisfies one-half credit in Economics</i>				
<i>International Business/Marketing (for Vocational credit)</i>	<i>Int Bus Mkt</i>	<i>3754</i>	<i>OO</i>	<i>039, 052, 054, 201, 202, 204, 311, 430, 435, 436, 471, 472, 474, 475</i>
<i>Keyboarding Applications</i>	<i>KeyApp</i>	<i>3775</i>	<i>OO</i>	<i>032, 037, 041, 055, 056, 057, 203, 204, 432, 434, 435, 436, 474, 475</i>
<i>Electronic Commerce/Web Page Design</i>	<i>E-Com</i>	<i>3776</i>	<i>OO</i>	<i>037, 041, 055, 056, 057, 203, 204, 311, 434, 435, 436, 475</i>
<i>Networking Essentials</i>	<i>Net Ess</i>	<i>3778</i>	<i>OO</i>	<i>037, 041, 055, 056, 057, 203, 204, 311, 434, 435, 436, 475</i>
<i>Accounting I</i>	<i>Acct I</i>	<i>3779</i>	<i>OO</i>	<i>030, 054, 055, 201, 203, 311, 430, 434, 435, 436, 474, 475</i>
<i>Accounting II</i>	<i>Acct II</i>	<i>3780</i>	<i>OO</i>	<i>030, 054, 055, 201, 203, 311, 430, 434, 435, 436, 474, 475</i>
<i>Cooperative Methodology/Supervision Period (2)</i>	<i>Co-op</i>	<i>3798</i>	<i>OO</i>	<i>Any Information Technology Endorsement</i>
<i>(2) The credit for Cooperative Methodology is awarded in the appropriate related vocational course in which the student is enrolled. Teachers who supervise this experience must hold proper endorsement <u>and</u> have completed the state-approved 40-hour training and internship or the state-approved course equivalent.</i>				
<i>Special Course Information Technology</i>	<i>Spec Cr</i>	<i>(3)</i>	<i>OO</i>	<i>Any Information Technology Endorsement</i>
<i>(3) Prior approval of special courses by the Division of Vocational-Technical Education is required.</i>				

VEPC -- Vocational Education Program Classification

Courses in ***bold italic print within a double lined box*** are vocationally funded courses.

TE -- TECHNOLOGY ENGINEERING EDUCATION

Abbreviation/Code	VEPC	Endorsement/Employment Standards
Diversified Technology (1)	Tech Eng Ed 3801	TE
		013, 014, 015, 016, 017, 070, 211, 212, 214, 230, 413, 414, 415, 416, 417, 470, 477, (042 and 043), (042 and 044), (042 and 045), (042 and 046), (042 and 047), (042 and 077), (042 and 078), (042 and 079), (043 and 044), (043 and 045), (043 and 046), (043 and 047), (043 and 077), (043 and 078), (043 and 079), (044 and 045), (044 and 046), (044 and 047), (044 and 077), (044 and 078), (044 and 079), (045 and 046), (045 and 047), (045 and 077), (045 and 078), (045 and 079), (046 and 047), (046 and 077), (046 and 078), (046 and 079), (047 and 077), (047 and 078), (047 and 079), (077 and 079), (077 and 078), (078 and 079)
Diversified Technology II (2)	Tech Eng Ed. 3809	TE
		013, 014, 015, 016, 017, 070, 211, 212, 214, 230, 413, 414, 415, 416, 417, 470, 477, (042 and 043), (042 and 044), (042 and 045), (042 and 046), (042 and 047), (042 and 077), (042 and 078), (042 and 079), (043 and 044), (043 and 045), (043 and 046), (043 and 047), (043 and 077), (043 and 078), (043 and 079), (044 and 045), (044 and 046), (044 and 047), (044 and 077), (044 and 078), (044 and 079), (045 and 046), (045 and 047), (045 and 077), (045 and 078), (045 and 079), (046 and 047), (046 and 077), (046 and 078), (046 and 079), (047 and 077), (047 and 078), (047 and 079), (077 and 078), (077 and 079), (078 and 079)
<p>(1)(2)Teachers who teach this course must hold proper endorsement <u>and</u> have completed the state-approved, five-day training for the courses on the preceding page <u>prior</u> to teaching the course. Instructors having the following endorsements must attend the training: (013, 014, 015, 016, 017, 211, 212, 214, 413, 414, 415, 416, 417). In addition, instructors having only endorsements 013, 014, 015, 016, 017, 211, 212, 214, 413, 414, 415, 416, 417, must complete the state-approved, two-day facilities management/safety training prior to teaching the course. Instructors having the endorsements 070, 230, 470, or 477 are not required to participate in training. Instructors are required to attend training only one time.</p> <p>Candidates who hold a bachelor's degree and a professional occupational education license may be issued a professional license endorsed in technology Education provided they: (1) complete a five-day training in technology-engineering offered by the Department of Education (or equivalent methods course); (2) complete a one-day training in safety; (3) pass the Praxis examination; (4) pass the Praxis in Principles of Learning and Teaching; and (5) are recommended by the Division of Vocational-Technical Education.</p> <p>Any technology education instructor who was teaching technology education in Tennessee prior to September of 1980 and each year thereafter including the current year and has at least two (2) of the following endorsements in technology education may teach any of the courses listed above (042, 043, 044, 045, 046, 047, 077, 078, and 079). This is not a grandfathered area.</p>		

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TE -- TECHNOLOGY ENGINEERING EDUCATION Abbreviation/Code VEPC Endorsement/Employment Standards

<i>Innovations And Inventions (1)</i>	<i>Tech Eng Ed</i>	<i>3810</i>	<i>TE</i>	<p><i>013, 014, 015, 016, 017, 070, 211, 212, 214, 230, 413, 414, 415, 416, 417, 470, 477, (042 and 043), (042 and 044), (042 and 045), (042 and 046), (042 and 047), (042 and 077), (042 and 078), (042 and 079), (043 and 044), (043 and 045), (043 and 046), (043 and 047), (043 and 077), (043 and 078), (043 and 079), (044 and 045), (044 and 046), (044 and 047), (044 and 077), (044 and 078), (044 and 079), (045 and 046), (045 and 047), (045 and 077), (045 and 078), (045 and 079), (046 and 047), (046 and 077), (046 and 078), (046 and 079), (047 and 077), (047 and 078), (047 and 079), (077 and 078), (077 and 079), (078 and 079)</i></p> <p><i>(1) Teachers who teach this course must hold proper endorsement <u>and</u> have completed the state-approved, five-day training for the courses on the preceding page <u>prior</u> to teaching the course. Instructors having the following endorsements must attend the training: (013, 014, 015, 016, 017, 211, 212, 214, 413, 414, 415, 416, 417). In addition, instructors having only endorsements 013, 014, 015, 016, 017, 211, 212, 214, 413, 414, 415, 416, 417, must complete the state-approved, two-day facilities management/safety training prior to teaching the course. Instructors having the endorsements 070, 230, 470, or 477 are not required to participate in training. Instructors are required to attend training only one time.</i></p> <p><i>Candidates who hold a bachelor's degree and a professional-occupational education license may be issued a professional license endorsed in technology Education provided they: (1) complete a five-day training in technology-engineering offered by the Department of Educator (or equivalent methods course); (2) complete a one-day training in safety; (3) pass the Praxis examination; (4) pass the Praxis in Principles of Learning and Teaching; and (5) are recommended by the Division of Vocational-Technical Education.</i></p> <p><i>Any technology education instructor who was teaching technology education in Tennessee prior to September of 1980 and each year thereafter including The current year and has at least two (2) of the following endorsements in technology education may teach any of the courses listed above {042, 043, 044, 045, 046, 047, 077, 078, and 079}. This is not a grandfathered area.</i></p>
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TE: TECHNOLOGY EDUCATION**Abbreviation/Code****VEPC****Endorsement/Employment Standards**

<i>Cooperative Methodology/Supervision Periods(1) Co-op</i>	3898	TE	013, 014, 015, 016, 017, 070, 211, 212, 214, 230, 413, 414, 415, 416, 417, 470, 477, (042 and 043), (042 and 044), (042 and 045), (042 and 046), (042 and 047), (042 and 077), (042 and 078), (042 and 079), (043 and 044), (043 and 045), (043 and 046), (043 and 047), (043 and 077), (043 and 078), (043 and 079), (044 and 045), (044 and 046), (044 and 047), (044 and 077), (044 and 078), (044 and 079), (045 and 046), (045 and 047), (045 and 077), (045 and 078), (045 and 079), (046 and 047), (046 and 077), (046 and 078), (046 and 079), (047 and 077), (047 and 078), (047 and 079), (077 and 078), (077 and 079), (078 and 079)
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(1) *The credit for Cooperative Methodology is awarded in the appropriate related vocational course in which the student is enrolled. Teachers who supervise this experience must hold proper endorsement and have completed the state-approved 40-hour training and internship or the state-approved course equivalent.*

Candidates who hold a bachelor's degree and a professional occupational education license may be issued a professional license endorsed in technology education provided they: (1) complete a five-day training in technology-engineering offered by the Department of Education (or equivalent methods course); (2) complete a one-day training in safety; (3) pass the Praxis examination; (4) pass the Praxis in Principles of Learning and Teaching; and (5) are recommended by the Division of Vocational-Technical Education.

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TE: TECHNOLOGY EDUCATION

Abbreviation/CodeVEPCEndorsement/Employment Standards***Special Course - Tech Ed (1) and (2)******Spec Crs******(2)******TE***

013, 014, 015, 016, 017, 070, 211, 212, 214, 230, 413, 414, 415, 416, 417, 470, 477, (042 and 043), (042 and 044), (042 and 045), (042 and 046), (042 and 047), (042 and 077), (042 and 078), (042 and 079), (043 and 044), (043 and 045), (043 and 046), (043 and 047), (043 and 077), (043 and 078), (043 and 079), (044 and 045), (044 and 046), (044 and 047), (044 and 077), (044 and 078), (044 and 079), (045 and 046), (045 and 047), (045 and 077), (045 and 078), (045 and 079), (046 and 047), (046 and 077), (046 and 078), (046 and 079), (047 and 077), (047 and 078), (047 and 079), (077 and 078), (077 and

- (1) Teachers who teach this course must hold proper endorsement and have completed the state-approved, five-day training for the courses on the preceding page prior to teaching the course. Instructors having the following endorsements must attend the training: (013, 014, 015, 016, 017, 211, 212, 214, 413, 414, 415, 416, 417). In addition, instructors having only endorsements 013, 014, 015, 016, 017, 211, 212, 214, 413, 414, 415, 416, 417, must complete the state-approved, two-day facilities management/safety training prior to teaching the course. Instructors having the endorsements 070, 230, 470 or 477 are not required to participate in training. Instructors are required to attend training only one time.***

Candidates who hold a bachelor's degree and a professional occupational education license may be issued a professional license endorsed in technology education provided they: (1) complete a 5-day training in technology-engineering offered by the Department of Education (or equivalent methods course); (2) complete a one-day training in safety; (3) pass the Praxis examination; (4) pass the Praxis in Principles of Learning and Teaching; and (5) are recommended by the Division of Vocational-Technical Education

Any technology education instructor who was teaching technology education in Tennessee prior to September of 1980 and each year thereafter including the current year and has at least two (2) of the following endorsements in technology education may teach any of the courses listed above. [042, 043, 044, 045, 046, 047, 077, 078, and 079] This is not a grandfathered area

- (2) Prior approval of special courses by the Division of Vocational Technical Education is required.***

VEPC -- Vocational Education Program Classification

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A10 -- AGRICULTURAL EDUCATION

Abbreviation/Code

VEPC

Endorsement/Employment Standards

The following codes are to be used when scheduling agricultural education teachers who are not on extended employment.

<i>Agricultural Business/Economics</i>	<i>Ag Bus/Ec</i>	<i>5100</i>	<i>A10</i>	<i>048, 448</i>
<i>Agricultural Mechanics & Maint</i>	<i>Ag Mech</i>	<i>5101</i>	<i>A10</i>	<i>048, 448</i>
<i>Agricultural Power & Equipment</i>	<i>Ag Power & Eq</i>	<i>5102</i>	<i>A10</i>	<i>048, 448</i>
<i>Agricultural Sales & Service</i>	<i>Ag SS</i>	<i>5103</i>	<i>A10</i>	<i>048, 448</i>
<i>Fundamentals of Agriculture</i>	<i>Fund Ag</i>	<i>5104</i>	<i>A10</i>	<i>048, 448</i>
<i>Advanced Principles of Agriculture</i>	<i>Adv Prin Ag</i>	<i>5105</i>	<i>A10</i>	<i>048, 448</i>
<i>Aquaculture</i>	<i>Aqua</i>	<i>5109</i>	<i>A10</i>	<i>048, 448</i>
<i>Crop Science</i>	<i>Crop Sci</i>	<i>5111</i>	<i>A10</i>	<i>048, 448</i>
<i>Soil and Land Management</i>	<i>Soil & Land Mgt</i>	<i>5112</i>	<i>A10</i>	<i>048, 448</i>
<i>Exterior/Interior Landscaping</i>	<i>Ext Int Land</i>	<i>5113</i>	<i>A10</i>	<i>048, 448</i>
<i>Floral Design</i>	<i>Flor</i>	<i>5114</i>	<i>A10</i>	<i>048, 448</i>
<i>Forestry</i>	<i>Forestry</i>	<i>5115</i>	<i>A10</i>	<i>048, 448</i>
<i>Greenhouse Management</i>	<i>Greenhouse Mgt</i>	<i>5117</i>	<i>A10</i>	<i>048, 448</i>
<i>Horse Science</i>	<i>Horse Sci</i>	<i>5118</i>	<i>A10</i>	<i>048, 448</i>
<i>Leadership Development</i>	<i>Lead Dev</i>	<i>5119</i>	<i>A10</i>	<i>048, 448</i>
<i>Nursery Production</i>	<i>Nurs Prod</i>	<i>5120</i>	<i>A10</i>	<i>048, 448</i>
<i>HQ - Agriscience (1)</i>	<i>Agrisc</i>	<i>5121</i>	<i>A10</i>	<i>(048 and 015), (048 and 016), (048 and 017), (048 and 081), (048 and 211), (048 and 212), (048 and 213), (048 and 214), (048 and 414), (048 and 415), (048 and 416), (048 and 417), (048 and 418), (048 and 449) or (448 and 015), (448 and 016), (448 and 017), (448 and 081), (448 and 211), (448 and 212), (448 and 213), (448 and 214), (448 and 414), (448 and 415), (448 and 416), (448 and 417), (448 and 418), (448 and 449)</i>
<i>(1) Teachers who teach this course must be properly endorsed and have attended the state-approved, five-day/40-hour training or pass a state-approved Methods/Methodology of Teaching Agriscience course that meets the requirements of the five-day/40 hour training. Agriscience may satisfy one credit of life science laboratory credit required for graduation.</i>				
<i>Agriscience (for Vocational credit) (2)</i>	<i>Agrisc</i>	<i>5131</i>	<i>A10</i>	<i>(048 and 015), (048 and 016), (048 and 017), (048 and 081), (048 and 211), (048 and 212), (048 and 213), (048 and 214), (048 and 414), (048 and 415), (048 and 416), (048 and 417), (048 and 418), (048 and 449) or (448 and 015), (448 and 016), (448 and 017), (448 and 081), (448 and 211), (448 and 212), (448 and 213), (448 and 214), (448 and 414), (448 and 415), (448 and 416), (448 and 417), (448 and 418), (448 and 449)</i>
<i>(2) Teachers who teach this course must be properly endorsed and have attended the state-approved, five-day/40-hour training or pass a state-approved Methods/Methodology of Teaching Agriscience course that meets the requirements of the five-day/40 hour training. Agriscience may be awarded for one Vocational credit.</i>				

VEPC -- Vocational Education Program Classification

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A10 -- AGRICULTURAL EDUCATION**Abbreviation/Code****VEPC****Endorsement/Employment Standards**

The following codes are to be used when scheduling agricultural education teachers who are not on extended employment.

<i>Small Animal Care</i>	<i>Anim Care</i>	<i>5122</i>	<i>A10</i>	<i>048, 448</i>
<i>Turfgrass Management</i>	<i>Turf Mgt</i>	<i>5123</i>	<i>A10</i>	<i>048, 448</i>
<i>Wildlife Management & Recreation</i>	<i>Wild Mgt & Rec</i>	<i>5124</i>	<i>A10</i>	<i>048, 448</i>
<i>Horticulture Technologies</i>	<i>Hort Tech</i>	<i>5125</i>	<i>A10</i>	<i>048, 448</i>
<i>Principles of Veterinary Science</i>	<i>Prin Vet Sci</i>	<i>5126</i>	<i>A10</i>	<i>048, 448</i>
<i>Livestock Management</i>	<i>Live Mgt</i>	<i>5127</i>	<i>A10</i>	<i>048, 448</i>
<i>Principles of Agricultural Engineering</i>	<i>Prin Ag Eng</i>	<i>5128</i>	<i>A10</i>	<i>048, 448</i>
<i>Hydroponics</i>	<i>Hydroponics</i>	<i>5129</i>	<i>A10</i>	<i>048, 448</i>
<i>Supervised Agriculture Experience</i>	<i>Sup Exp</i>	<i>5130</i>	<i>A10</i>	<i>048, 448</i>
<i>Cooperative Methodology/Supervision Periods (1)</i>	<i>Co-op Supv</i>	<i>5198</i>	<i>A10</i>	<i>048, 448</i>

(1) The credit for Cooperative Methodology is awarded in the appropriate related vocational course in which the student is enrolled. Teachers who supervise this experience must hold proper endorsement and hve completed the state-approved 40-hour training and internship or the state-approved course equivalent.

Special Course-Agricultural Ed ***Spec Crs*** (2) ***A10*** ***048, 448***

(2) Prior approval of special courses by the Division of Vocational-Technical Education is required.

VEPC -- Vocational Education Program Classification

Courses in ***bold italic print within a double lined box*** are vocationally funded courses.

A12 -- AGRICULTURAL EDUCATIONAbbreviation/CodeVEPCEndorsement/Employment Standards

The following codes are to be used when scheduling agricultural education teachers who are on extended employment.

<i>Agricultural Business/Economics</i>	<i>Ag Bus/Ec</i>	<i>5150</i>	<i>A12</i>	<i>048, 448</i>
<i>Agricultural Mechanics & Maint</i>	<i>Ag Mech</i>	<i>5151</i>	<i>A12</i>	<i>048, 448</i>
<i>Agricultural Power & Equipment</i>	<i>Ag Power & Eq</i>	<i>5152</i>	<i>A12</i>	<i>048, 448</i>
<i>Agricultural Sales & Service</i>	<i>Ag SS</i>	<i>5153</i>	<i>A12</i>	<i>048, 448</i>
<i>Fundamentals of Agriculture</i>	<i>Fund Ag</i>	<i>5154</i>	<i>A12</i>	<i>048, 448</i>
<i>Advanced Principles of Agriculture</i>	<i>Adv Prin Ag</i>	<i>5155</i>	<i>A12</i>	<i>048, 448</i>
<i>Aquaculture</i>	<i>Aqua</i>	<i>5159</i>	<i>A12</i>	<i>048, 448</i>
<i>Crop Science</i>	<i>Crop Sci</i>	<i>5161</i>	<i>A12</i>	<i>048, 448</i>
<i>Soil and Land Management</i>	<i>Soil & Land Mgt</i>	<i>5162</i>	<i>A12</i>	<i>048, 448</i>
<i>Exterior/Interior Landscaping</i>	<i>Ext Int Land</i>	<i>5163</i>	<i>A12</i>	<i>048, 448</i>
<i>Floral Design</i>	<i>Flor</i>	<i>5164</i>	<i>A12</i>	<i>048, 448</i>
<i>Forestry</i>	<i>Forestry</i>	<i>5165</i>	<i>A12</i>	<i>048, 448</i>
<i>Greenhouse Management</i>	<i>Greenhouse Mgt</i>	<i>5167</i>	<i>A12</i>	<i>048, 448</i>
<i>Horse Science</i>	<i>Horse Sci</i>	<i>5168</i>	<i>A12</i>	<i>048, 448</i>
<i>Leadership Development</i>	<i>Lead Dev</i>	<i>5169</i>	<i>A12</i>	<i>048, 448</i>
<i>Nursery Production</i>	<i>Nurs Prod</i>	<i>5170</i>	<i>A12</i>	<i>048, 448</i>
<i>HQ - Agriscience (1)</i>	<i>Agrisc</i>	<i>5171</i>	<i>A12</i>	<i>(048 and 015), (048 and 016), (048 and 017), (048 and 081), (048 and 211), (048 and 212), (048 and 213), (048 and 214), (048 and 414), (048 and 415), (048 and 416), (048 and 417), (048 and 418), (048 and 449) or (448 and 015), (448 and 016), (448 and 017), (448 and 081), (448 and 211), (448 and 212), (448 and 213), (448 and 214), (448 and 414), (448 and 415), (448 and 416), (448 and 417), (448 and 418), (448 and 449)</i>
<i>(1) Teachers who teach this course must be properly endorsed and have attended the state-approved, five-day/40-hour training or pass a state-approved Methods/Methodology of Teaching Agriscience course that meets the requirements of the five-day/40 hour training. Agriscience may satisfy one credit of life Science laboratory credit required for graduation.</i>				
<i>Agriscience (for Vocational credit) (2)</i>	<i>Agrisc</i>	<i>5182</i>	<i>A12</i>	<i>(048 and 015), (048 and 016), (048 and 017), (048 and 081), (048 and 211), (048 and 212), (048 and 213), (048 and 214), (048 and 414), (048 and 415), (048 and 416), (048 and 417), (048 and 418), (048 and 449) or (448 and 015), (448 and 016), (448 and 017), (448 and 081), (448 and 211), (448 and 212), (448 and 213), (448 and 214), (448 and 414), (448 and 415), (448 and 416), (448 and 417), (448 and 418), (448 and 449)</i>
<i>(2) Teachers who teach this course must be properly endorsed and have attended the state-approved, five-day/40-hour training or pass a state-approved Methods/Methodology of Teaching Agriscience course that meets the requirements of the five-day/40 hour training. Agriscience may be awarded for one Vocational credit.</i>				

VEPC -- Vocational Education Program Classification

Courses in ***bold italic print within a double lined box*** are vocationally funded courses.

A12 -- AGRICULTURAL EDUCATION
Abbreviation/Code
VEPC
Endorsement/Employment Standards

<i>Small Animal Care</i>	<i>Anim Care</i>	<i>5172</i>	<i>A12</i>	<i>048, 448</i>
<i>Turfgrass Management</i>	<i>Turf Mgt</i>	<i>5173</i>	<i>A12</i>	<i>048, 448</i>
<i>Wildlife Management & Recreation</i>	<i>Wild Mgt & Rec</i>	<i>5174</i>	<i>A12</i>	<i>048, 448</i>
<i>Horticulture Technologies</i>	<i>Hort Tech</i>	<i>5175</i>	<i>A12</i>	<i>048, 448</i>
<i>Principles of Veterinary Science</i>	<i>Prin Vet Sci</i>	<i>5176</i>	<i>A12</i>	<i>048, 448</i>
<i>Livestock Management</i>	<i>Live Mgt</i>	<i>5177</i>	<i>A12</i>	<i>048, 448</i>
<i>Principles of Agricultural Engineering</i>	<i>Prin Ag Eng</i>	<i>5178</i>	<i>A12</i>	<i>048, 448</i>
<i>Hydroponics</i>	<i>Hydroponics</i>	<i>5179</i>	<i>A12</i>	<i>048, 448</i>
<i>Supervised Agriculture Experience</i>	<i>Sup Exp</i>	<i>5181</i>	<i>A12</i>	<i>048, 448</i>
<i>Cooperative Methodology/Supervision Periods</i> ⁽¹⁾	<i>Co-op Supv</i>	<i>5180</i>	<i>A12</i>	<i>048, 448</i>

(1) The credit for Cooperative Methodology is awarded in the appropriate related vocational course in which the student is enrolled. Teachers who supervise this experience must hold proper endorsement and have completed the state-approved 40-hour training and internship or the state-approved course equivalent.

Special Course Agricultural Ed ***Spec Crs*** (2) ***A12*** ***048, 448***

(2) Prior approval of special courses by the Division of Vocational-Technical Education is required.

VEPC -- Vocational Education Program Classification

Courses in ***bold italic print within a double lined box*** are vocationally funded course

TI - TRADE AND INDUSTRIAL
Abbreviation/Code
VEPC
Endorsement/Employment Standards
Transportation Service Technology

<i>Career Management Success</i>	<i>Career Mgt</i>	<i>5701</i>	<i>TI</i>	<i>Any vocational endorsement</i>
<i>Transportation Core</i>	<i>Trans Core</i>	<i>5702</i>	<i>TI</i>	<i>506, 507, 508, 512, 568, 579, 581</i>
<i>Aviation Maintenance I</i>	<i>Av Maint I</i>	<i>5703</i>	<i>TI</i>	<i>512, 579</i>
<i>Aviation Maintenance II</i>	<i>Av Maint II</i>	<i>5704</i>	<i>TI</i>	<i>512, 579</i>
<i>Leisure Craft: Systems</i>	<i>LC: Syst</i>	<i>5705</i>	<i>TI</i>	<i>506, 508, 512, 568, 579, 581</i>
<i>Leisure Craft: Engine Performance</i>	<i>LC: En Perf</i>	<i>5706</i>	<i>TI</i>	<i>506, 508, 512, 568, 579, 581</i>
<i>Collision Repair: Non Structural</i>	<i>Coll Rep: N S</i>	<i>5707</i>	<i>TI</i>	<i>507</i>
<i>Collision Repair: Structural</i>	<i>Coll Rep: S</i>	<i>5708</i>	<i>TI</i>	<i>507</i>
<i>Collision Repair: Painting and Refinishing</i>	<i>Coll Rep: P R</i>	<i>5709</i>	<i>TI</i>	<i>507</i>
<i>Automotive: Suspension and Steering</i>	<i>Auto: S S</i>	<i>5710</i>	<i>TI</i>	<i>506, 508</i>
<i>Automotive: Engine Performance</i>	<i>Auto: Eng Perf</i>	<i>5711</i>	<i>TI</i>	<i>506, 508</i>
<i>Automotive: Brake Systems</i>	<i>Auto: Brake Sys</i>	<i>5712</i>	<i>TI</i>	<i>506, 508</i>
<i>Automotive: Electronics Systems</i>	<i>Auto: Elec Sys</i>	<i>5713</i>	<i>TI</i>	<i>506, 508</i>
<i>Diesel: Preventive Maintenance</i>	<i>Diesel: Prev Maint</i>	<i>5714</i>	<i>TI</i>	<i>581</i>
<i>Diesel: Brake Systems</i>	<i>Diesel: Brake Sys</i>	<i>5715</i>	<i>TI</i>	<i>581</i>
<i>Diesel: Suspension and Steering</i>	<i>Diesel: S S</i>	<i>5716</i>	<i>TI</i>	<i>581</i>
<i>Diesel: Electronics</i>	<i>Diesel: Elec</i>	<i>5717</i>	<i>TI</i>	<i>581</i>
<i>Diesel: Engine</i>	<i>Diesel: Eng</i>	<i>5718</i>	<i>TI</i>	<i>581</i>
<i>Introduction to Aerospace</i>	<i>Intro Aero</i>	<i>5719</i>	<i>TI</i>	<i>594</i>
<i>Theory of Flight</i>	<i>Theory Flgt</i>	<i>5720</i>	<i>TI</i>	<i>594</i>
<i>Special Course-Transportation Service Technology</i>	<i>Spec Crs</i>	<i>(1)</i>	<i>TI</i>	<i>506, 507, 508, 512, 568, 579, 581, 594</i>

(1) Prior approval of special courses by the Division of Vocational-Technical Education is required.

VEPC -- Vocational Education Program Classification

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TI -- TRADE AND INDUSTRIAL	Abbreviation/Code		VEPC	Endorsement/Employment Standards
<i>Construction Technology</i>				
<i>Career Management Success</i>	<i>Career Mgt</i>	<i>5701</i>	<i>TI</i>	<i>Any vocational endorsement</i>
<i>Construction Core</i>	<i>Const Core</i>	<i>5730</i>	<i>TI</i>	<i>501, 502, 522, 523, 524, 527, 532, 553, 554, 555, 556, 567, 575, 580, 584, 585, 592</i>
<i>Carpentry I</i>	<i>Car 1</i>	<i>5731</i>	<i>TI</i>	<i>522, 575, 580, 592</i>
<i>Carpentry II</i>	<i>Car 2</i>	<i>5732</i>	<i>TI</i>	<i>522, 575, 580, 592</i>
<i>Electrical I</i>	<i>Elect 1</i>	<i>5733</i>	<i>TI</i>	<i>501, 502, 523, 532, 567, 580, 592</i>
<i>Electrical II</i>	<i>Elect 2</i>	<i>5734</i>	<i>TI</i>	<i>501, 502, 523, 532, 567, 580, 592</i>
<i>Masonry I</i>	<i>Mas 1</i>	<i>5735</i>	<i>TI</i>	<i>524</i>
<i>Masonry II</i>	<i>Mas 2</i>	<i>5736</i>	<i>TI</i>	<i>524</i>
<i>Concrete I</i>	<i>Conc 1</i>	<i>5737</i>	<i>TI</i>	<i>524</i>
<i>Concrete II</i>	<i>Conc 2</i>	<i>5738</i>	<i>TI</i>	<i>524</i>
<i>Plumbing I</i>	<i>Plumb 1</i>	<i>5739</i>	<i>TI</i>	<i>501, 502, 527, 567, 580, 592</i>
<i>Plumbing II</i>	<i>Plumb 2</i>	<i>5740</i>	<i>TI</i>	<i>501, 502, 527, 567, 580, 592</i>
<i>Heating, Ventilation, Air Conditioning, and Refrigeration (HVAC) I</i>	<i>HVAC 1</i>	<i>5741</i>	<i>TI</i>	<i>501, 502, 523, 532, 567, 592, 598</i>
<i>Heating, Ventilation, Air Conditioning, and Refrigeration (HVAC) II</i>	<i>HVAC 2</i>	<i>5742</i>	<i>TI</i>	<i>501, 502, 523, 532, 567, 592, 598</i>
<i>Principles of Welding</i>	<i>Prin Weld</i>	<i>5786</i>	<i>TI</i>	<i>551, 552, 553, 554, 555, 556, 584 OR any other T & I endorsement plus Certified Welding Educator Certification</i>
<i>Welding Applications</i>	<i>Weld App</i>	<i>5787</i>	<i>TI</i>	<i>551, 552, 553, 554, 555, 556, 584 OR any other T & I endorsement plus Certified Welding Educator Certification</i>

VEPC -- Vocational Education Program Classification

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TI - TRADE AND INDUSTRIAL	<u>Abbreviation/Code</u>		<u>VEPC</u>	<u>Endorsement/Employment Standards</u>
Engineering Design/CAD	Eng Des	5788	TI	070, 230, 470 plus American Design and Drafting Association (ADDA) certification, 477 OR 551, 552, 553 plus ADDA certification OR 531, 554, 555, 556, 584, 585 OR any other T & I endorsement plus ADDA certification OR 595(1), 596(2) plus ADDA certification
Computer-Aided Design	Comp Des	5789	TI	070, 230, 470 plus American Design and Drafting Association (ADDA) certification, 477 OR 551, 552, 553 plus ADDA certification OR 531, 554, 555, 556, 584, 585 OR any other T & I endorsement plus ADDA certification OR 595(1), 596(2), plus ADDA certification
<p><i>(1) (2) Individuals with this endorsement have three years from the school year they begin teaching courses requiring this endorsement code (including that year) to obtain the required industry certification. This would be true regardless of whether the person taught all three years consecutively or not. For example: If a teacher begins teaching Information Technology Infrastructure (5755) in school year 2003-04, doesn't teach it in 2004-05, but resumes teaching it in 2006-07, at that time, he/she would have to have the industry certification.</i></p>				
Special Course - Construction Technology	Spec Crs	(3)	TI	501, 502, 522, 523, 524, 527, 531, 532, 551, 552, 553, 554, 555 556, 567, 575, 580, 584, 585, 592, 598 OR 595*, 596* plus ADDA certification
<p><i>(3) Prior approval of special courses by the Division of Vocational-Technical Education is required.</i></p>				

VEPC - Vocational Education Program Classification

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TI -- TRADE AND INDUSTRIAL
Abbreviation/Code
VEPC
Endorsement/Employment Standards
Arts and Communication Cluster (many courses formerly under Electronics Technology or Communications Technology)

<i>Career Management Success</i>	<i>Career Mgt</i>	<i>5701</i>	<i>TI</i>	<i>Any Vocational endorsement</i>
<i>Information Technology Infrastructure</i>	<i>Info Tech</i>	<i>5755</i>	<i>TI</i>	<i>311, 435, 436, 475, and Cisco, A+, Net + or Certified Internet Webmaster (CIW) certification OR 582 OR 595(1) and Cisco, A+ Net+ or Certified Internet Webmaster (CIW) certification</i>
<i>Computer Architecture</i>	<i>Comp Arch</i>	<i>5756</i>	<i>TI</i>	<i>311, 435, 436, 475, and A+ certification OR 582, OR 595(2) and A+ Certification</i>
<i>Network Architecture</i>	<i>Net Arch</i>	<i>5757</i>	<i>TI</i>	<i>311, 435, 436, 475, and Net + or Cisco certification OR 582, OR 595(3) and Net+ or Cisco certification</i>
<i>(1) (2) (3) Individuals with this endorsement have three years from the school year they begin teaching this course (including that school year) to obtain required industry certification. This would be true regardless of whether the person taught all three years consecutively or not. For Example: If a teacher begins teaching Information Technology Infrastructure (5755) in school year 2003-04, doesn't teach it in 2004-05, but resumes teaching it in 2006-07, at that time, he/she would have to have the industry certification.</i>				
<i>Cabling Technology</i>	<i>Cab Tech</i>	<i>5758</i>	<i>TI</i>	<i>475, 501, 502, 523, 532, 537, 567, 578, 582, 595</i>
<i>Visual Art and Design</i>	<i>Vis Art Des</i>	<i>5759</i>	<i>TI</i>	<i>070, 230, 311, 435, 436, 470, 475, 516, 519, 520, 521, 537, 538, 543, 576, 582, 583, 595</i>
<i>Graphic Communications</i>	<i>Gra Comm</i>	<i>5760</i>	<i>TI</i>	<i>516, 519, 520, 521, 543, 576, 583, 595</i>
<i>Graphic Communications Production</i>	<i>Gra Comm Pro</i>	<i>5761</i>	<i>TI</i>	<i>543, 583</i>
<i>Graphic Design and Digital Imaging</i>	<i>Grap Des Imag</i>	<i>5762</i>	<i>TI</i>	<i>311, 435, 436, 475, 516, 519, 520, 521, 543, 583, 595</i>
<i>Media Concepts</i>	<i>Med Conc</i>	<i>5763</i>	<i>TI</i>	<i>576, 595, 597</i>
<i>Electronic Media Production</i>	<i>Elec Media Pro</i>	<i>5764</i>	<i>TI</i>	<i>576, 595, 597</i>
<i>Electronic Media Management and Operations</i>	<i>Elec Med Mgt Op</i>	<i>5765</i>	<i>TI</i>	<i>576, 595, 597</i>

VEPC -- Vocational Education Program Classification

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TI -- TRADE AND INDUSTRIAL

	<u>Abbreviation/Code</u>		<u>VEPC</u>	<u>Endorsement/Employment Standards</u>
<i>Web Page Design 1</i>	<i>Web Des 1</i>	<i>5766</i>	<i>TI</i>	<i>070, 230, 311, 435, 436, 470, 475, and Certified Internet Webmaster (CIW) certification, OR 516, 0519, 582, 583, OR 595 (1) And Certified Internet Webmaster (CIW) certification</i>
<i>Web Page Design II</i>	<i>Web Des 2</i>	<i>5767</i>	<i>TI</i>	<i>070, 230, 311, 435, 436, 470, 475, and Certified Internet Webmaster (CIW) certification, OR 516, 519, 582, 583, OR 595(1) and Certified Internet Webmaster (CIW) certification</i>
(1)(2) <i>Individuals with this endorsement have three years from the school year they begin teaching this course (including that school year to obtain required industry certification. This would be true regardless of whether the person taught all three years consecutively or not. For Example: If a teacher begins teaching Information Technology Infrastructure (5755) in school year 2003-04, doesn't teach it in 2004-05 or 2005-06, but resumes teaching it in 2006-07' at that time, he/she would have to have the industry certification.</i>				
<i>Special Course - Arts and Communication Cluster</i>		<i>(3)</i>	<i>TI</i>	<i>070, 230, 311, 435, 436, 470, 475 and Cisco, A+, Net+ or Certified Internet Webmaster (CIW) certification, OR 501, 502, 516, 519, 520, 521,523, 532, 537, 538, 543, 567, 576, 578, 582, 583, OR 595(1), 597(2) and Cisco, A+, Net+ or Certified Internet Webmaster (CIW)</i>
(3) <i>Prior approval of special courses by the Division of Vocational-Technical Education is required.</i>				

VEPC -- Vocational Education Program Classification

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TI -- TRADE AND INDUSTRIAL	Abbreviation/Code		VEPC	Endorsement/Employment Standards
<i>Manufacturing Cluster</i>				
<i>Career Management Success</i>	<i>Career Mgt</i>	<i>5701</i>	<i>TI</i>	<i>Any vocational endorsement</i>
<i>Programming and Logic</i>	<i>Prog Logic</i>	<i>5780</i>	<i>TI</i>	<i>501, 502, 531, 537, 551, 552, 553, 554, 555, 556, 567, 575, 582, 584, 585, 595, 596</i>
<i>Principles of Manufacturing</i>	<i>Prin Manuf</i>	<i>5781</i>	<i>TI</i>	<i>070, 230, 470, 531, 537, 551, 552, 553, 554, 555, 556, 575, 582, 584, 585, 596</i>
<i>Principles of Machining and Manufacturing</i>	<i>Prin Mac Manuf</i>	<i>5782</i>	<i>TI</i>	<i>070,230,470,531,551,552,553,554, 555, 556, 575, 584, 585, 596</i>
<i>Digital Electronics</i>	<i>Dig Elect</i>	<i>5783</i>	<i>TI</i>	<i>501,502,537,551,552,553,554,555, 556, 567, 582, 584, 585, 596</i>
<i>Principles of Engineering</i>	<i>Prin Eng</i>	<i>5784</i>	<i>TI</i>	<i>070, 230, 470, 531, 551, 552, 553, 575, 582, 596</i>
<i>Manufacturing Applications</i>	<i>Manuf App</i>	<i>5785</i>	<i>TI</i>	<i>070,230,470,551,552,553,554,555, 556, 575, 582, 584, 585, 596</i>
<i>Principles of Welding</i>	<i>Prin Weld</i>	<i>5786</i>	<i>TI</i>	<i>551, 552, 553, 554, 555, 556, 584 OR any T & I endorsement Plus Certified Welding Educator Certification</i>
<i>Welding Applications</i>	<i>Weld App</i>	<i>5787</i>	<i>TI</i>	<i>551, 552, 553, 554, 555, 556, 584 OR any T & I endorsement plus Certified Welding Educator Certification</i>
<i>Engineering Design/CAD</i>	<i>Eng Des</i>	<i>5788</i>	<i>TI</i>	<i>070, 230, 470 plus American Design and Drafting Association (ADDA) certification OR 551, 552, 553 plus ADDA certification OR 531, 554, 555, 556, 584, 585 OR any other T & I endorsement plus ADDA certification OR 595(1), 596(2) plus ADDA certification</i>
<i>Computer-Aided Design</i>	<i>Comp Des</i>	<i>5789</i>	<i>TI</i>	<i>070, 230, 470 plus American Design and Drafting Association (ADDA) certification OR 551, 552, 553 plus ADDA certification OR 531, 554, 555, 556, 584, 585 OR any other T & I endorsement plus ADDA certification OR 595(1), 596(2) plus ADDA certification</i>
<p>(1) (2) Individuals with this endorsement have three years from the school year they begin teaching courses requiring this endorsement code (including that year) to obtain the required industry certification. This would be true regardless of whether the person taught all three years consecutively or not. For example: If a teacher begins teaching Information Technology Infrastructure (5755) in school year 2003-04, doesn't teach it in 2004-05 or 2005-06, but resumes teaching it in 2006-07, at that time, he/she would have to have the industry certification.</p>				

VEPC -- Vocational Education Program Classification

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TI -- TRADE AND INDUSTRIAL

Abbreviation/Code

VEPC

Endorsement/Employment Standards

Special Course - Manufacturing Cluster

Special Crs (1)

TI

***070, 230, 470, plus ADDA certification OR 501, 502, 531, 537
551, 552, 553, 554, 555, 556, 567, 575, 582, 584, 585, OR 595(2)
596(3) plus ADDA certification***

(1) Prior approval of special courses by the Division of Vocational-Technical Education is required.

(2) (3) Individuals with this endorsement have three years from the school year they begin teaching courses requiring this endorsement code (including that year) to obtain the required industry certification. This would be true regardless of whether the person taught all three years consecutively or not. For example: If teacher begins teaching Information Technology Infrastructure (5755) in school year 2003-04, doesn't teach it in 2004-05 or 2005-06, but resumes teaching it in 2006-07, at that time, he/she would have to have the industry certification.

VEPC -- Vocational Education Program Classification

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TI -- TRADE AND INDUSTRIAL

Abbreviation/Code

VEPC

Endorsement/Employment Standards

Human Services

Legal and Protective Service Careers I ***Lgl Ser Cr I 5330*** ***TI*** ***586, 590***

Legal and Protective Service Careers II ***Lgl Ser Cr II 5331*** ***TI*** ***586, 590***

Legal and Protective Service Careers III ***Lgl Ser Cr III 5342*** ***TI*** ***586, 590***

Legal and Protective Service Careers II/III ***LglSer CrII/III 5343*** ***TI*** ***586, 590***

Principles of Cosmetology ***Prin of Cos 5338*** ***TI*** ***561***

Design Principles of Cosmetology ***Dsgn of Cos 5339*** ***TI*** ***561***

Chemistry of Cosmetology ***Chem of Cos 5340*** ***TI*** ***561***

Cosmetology II/III (1) ***Cosmty 2/3 5341*** ***TI*** ***561***

(1) Use this code for classes where students in Design Principles of Cosmetology and Chemistry of Cosmetology are scheduled in the same class period.

Special Course - Human Services ***Spec Crs (2)*** ***TI*** ***586, 590, 561***

(2) Prior approval of special courses by the Division of Vocational-Technical Education is required.

Cooperative Education

T & I Cooperative Methodology

Supervision Periods (3) ***Co-op Supv 5398*** ***TI*** ***104 or any Occupational Endorsement, excluding endorsement 577***

(3) The credit for Cooperative Methodology is awarded in the appropriate related vocational course in which the student is enrolled. Teachers who supervise this experience must hold proper endorsement and have completed the state-approved 40-hour training and internship or the state-approved course equivalent.

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Abbreviation/Code

VEPC

Endorsement/Employment Standards

Hospitality and Tourism

Foundations of the Hospitality Industry ***Found Hosp In*** ***5380*** ***TI*** ***562, 563, 564, 566***

Culinary Arts I ***Cul Arts I*** ***5381*** ***TI*** ***562, 563, 564, 566***

Culinary Arts II ***Cul Arts II*** ***5382*** ***TI*** ***562, 563, 564, 566***

Culinary Arts III ***Cul Arts III*** ***5383*** ***TI*** ***562, 563, 564, 566***

Culinary Arts II/III (1) ***Cul Arts II/III*** ***5384*** ***TI*** ***562, 563, 564, 566***

(1) Use this code for classes where students in levels II and III are scheduled in the same class period.

Special Course - Hospitality and Tourism ***Spec Crs*** ***(2)*** ***TI*** ***562, 563, 564, 566***

Special Course - T and I ***Spec Crs*** ***(3)*** ***TI*** ***Any Occupational Endorsement, excluding endorsement 577***

(2)(3) Prior approval of special courses by the Division of Vocational-Technical Education is required.

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TI--TRADE AND INDUSTRIAL

Abbreviation/Code

VEPC

Endorsement /Employment Standards

Jobs for Tennessee Graduates(1)

JTG

5371

TI

591, Any Vocational Endorsement

(1) Schools must be pre-approved by the Division of Vocational-Technical Education to offer this course.

VEPC--Vocational Education Program Classification

Courses in ***bold italic print within a double lined box*** are vocationally funded courses.

Endorsement/Employment Standards

Environmental Services	ES	5500	HS	577
Clinical Internship(1)	C I	5501	HS	577
(1) Teachers who supervise this experience must hold proper endorsement <u>and</u> have completed the state-approved 40-hour work-based learning training and internship or the state-approved course equivalent <u>and</u> 16 hours of biennial Clinical Internship Training.				
Rehabilitative Therapies	RT	5503	HS	577
Health Science Education	HS	5504	HS	577
Health Management	HM	5505	HS	577
Medical Therapeutics	MT	5506	HS	577
Nursing Education (2)	NE	5507	HS	577
(2) Teachers who teach this course must be properly endorsed, and per federal guidelines, be a registered nurse and have worked in a long-term health care facility for a minimum of one year. They must also have completed two days of biennial state approved Nursing Education training <u>and</u> 16 hours of biennial Clinical Internship Training <u>and</u> the state-approved 40 hour work-based learning training and internship or the state-approved course equivalent. This course requires prior approval by the Tennessee Department of Health.				
<u>HQ</u> - Anatomy and Physiology (3)	Ant/Phys	5509	HS	577
(3) This course may satisfy one of the science credits required for graduation.				
Anatomy and Physiology (4)	Ant/Phys	5512	HS	577
(4) This course may be offered for one vocational credit.				
Emergency Medical Services	Em Md Serv	5510	HS	577
Diagnostic Medicine	Diag Med	5511	HS	577
Cooperative Methodology/Supervision Periods(5)	Co-op Supv	5598	HS	577
(5) The credit for Cooperative Methodology is awarded in the appropriate related vocational course in which the student is enrolled. Teachers who supervise this experience must hold proper endorsement <u>and</u> have completed the state-approved 40-hour training and internship or the state-approved course equivalent.				
Special Course Health Science Education	Spec Crs	(6)	HS	577
(6) Prior approval of special courses by the Division of Vocational-Technical Education is required.				

Courses in ***bold italic print within a double lined box*** are vocationally funded course

FCS -- FAMILY AND CONSUMER SCIENCES EDUCATION Abbreviation/Code VEPC Endorsement/Employment Standards

Adult Living	Adult Liv	5600	FCS	050, 450
Child Development	Child Dev	5601	FCS	050, 450
<u>HQ - Consumer Economics (1)</u>	Con Ec	5602	FCS	050, 450
(1) Consumer Economics satisfies one-half credit in economics required for graduation				
Consumer Economics (for Vocational credit)	Cons Ec	5605	FCS	050, 450
Family & Consumer Sciences	Fam & Con Sc	5603	FCS	050, 450
Family and Parenting Education	Fam Par Ed	5606	FCS	050, 450
Housing & Interior Design	H & Int Des	5607	FCS	050, 450
Interpersonal Communications	Int CommI	5608	FCS	050, 450
Nutrition and Foods	Nutr Food	5609	FCS	050, 450
Textiles and Apparel	Tex & App	5612	FCS	050, 450
<u>HQ - Nutrition Science (2)</u>	Nutr Sci	5615	FCS	(050 and 015), (050 and 016), (050 and 211), (050 and 212), (050 and 415), (050 and 416) or (450 and 015), (450 and 016), (450 and 211), (450 and 212), (450 and 415), (450 and 416)
(2) Teachers who teach this course must hold proper endorsement <u>and</u> have attended the state-approved, five-day training. Use this code to schedule one person who is endorsed in both Home Economics/Family and Consumer Sciences and Biology or Chemistry and is not team teaching the course. This course satisfies either one credit of Life Science (if team taught with a Biology teacher) or one credit of Physical Science (if team taught with a Chemistry teacher) required for graduation.				
Nutrition Science(3) (for vocational credit)	Nutr Sci	5617	FCS	(050 and 015), (050 and 016), (050 and 211), (050 and 212), (050 and 415), (050 and 416) or (450 and 015), (450 and 016), (450 and 211), (450 and 212), (450 and 415), (450 and 416)
(3) Teachers who teach this course must hold proper endorsement <u>and</u> have attended the state-approved, five-day training. Use this code to schedule one person who is endorsed in both Home Economics/Family and Consumer Sciences and Biology or Chemistry and is not team teaching the course.				
<u>HQ - Nutrition Science(4)</u>	Nutr Sci	5616	FCS	050, 450
(4) Teachers who teach this course must hold proper endorsement <u>and</u> have attended the state-approved, five-day training. Use this course code to schedule the Family and Consumer Sciences team teaching instructor. This course satisfies either one credit of Life Science (if team taught with a Biology teacher) or one credit of Physical Science (if team taught with a Chemistry teacher) required for graduation. The team teachers should be assigned to the same group of Nutrition Science students.				

VEPC - Vocational Education Program Classification

Courses in ***bold italic print within a double lined box*** are vocationally funded course

FCS -- FAMILY AND CONSUMER SCIENCES EDUCATION Abbreviation/Code VEPC Endorsement/Employment Standards

Nutrition Science(1) (for vocational credit)	Nutr Sci	5618	FCS	050, 450
(1) Teachers who teach this course must hold proper endorsement <u>and</u> have attended the state-approved, five-day training. Use this course code to schedule the Family and Consumer Sciences team teaching instructor.				
Career Connections	Car Con	5620	FCS	050, 450
Teen Learning Center Director(2)	TLC Dir	5649	FCS	002, 050, 058, 403, 450, 451, 465, 497
(2) Use of this code is for those individuals who direct a secondary Teen Learning Center that must be operated in conjunction with Teen Parenting and for Early Childhood Education Careers classes. No students should be assigned to this code.				
Cooperative Methodology/Supervision Periods(3) Co-op		5697	FCS	050. 450
(3) The credit for Cooperative Methodology is awarded in the appropriate related vocational course in which the student is enrolled. Teachers who supervise this experience must hold proper endorsement <u>and</u> have completed the state-approved 40-hour training and internship or the state-approved course equivalent.				
Special Course--Fam & Con Sc	Spec Crs	(4)	FCS	050, 450
(4) Prior approval of special courses by the Division of Vocational-Technical Education is required.				

VEPC -- Vocational Education Program Classification

Courses and assignments shaded in gray are excluded from the Preliminary School Report and the courses, such as, typewriting, instrumental music and vocal music, are excluded from class size limits in accordance with T.C.A. 49-1-104.

Courses in ***bold italic print within a double lined box*** are vocationally funded courses.

FCSO -- FAMILY & CONSUMER SCIENCES OCCUPATIONAL EDUCATION Abbreviation/Code
VEPC
Endorsement/Employment Standards

<i>Early Childhood Education Careers I</i>	<i>Early Child I</i>	5650	FCSO	(050 and 058), (050 and 451), (450 and 058), (450 and 451)
<i>Early Childhood Education Careers II</i>	<i>Early Child II</i>	5660	FCSO	(050 and 058), (050 and 451), (450 and 058), (450 and 451)
<i>Early Childhood Education Careers III</i>	<i>Early Child III</i>	5661	FCSO	(050 and 058), (050 and 451), (450 and 058), (450 and 451)
<i>Early Childhood Education Careers II / III (1)</i>	<i>Early Child II/III</i>	5662	FCSO	(050 and 058), (050 and 451), (450 and 058), (450 and 451)
<i>(1) Use this code for classes where student in levels II and III are scheduled in the same class period.</i>				
<i>Foundations of the Hospitality Industry</i>	<i>Found Hosp Ind</i>	5655	FCSO	(050 and 060), (050 and 453), (450 and 060), (450 and 453)
<i>Culinary Arts I</i>	<i>Cul Arts I</i>	5656	FCSO	(050 and 060), (050 and 453), (450 and 060), (450 and 453)
<i>Culinary Arts II</i>	<i>Cul Arts II</i>	5657	FCSO	(050 and 060), (050 and 453), (450 and 060), (450 and 453)
<i>Culinary Arts III</i>	<i>Cul Arts III</i>	5658	FCSO	(050 and 060), (050 and 453), (450 and 060), (450 and 453)
<i>Culinary Arts II/III (2)</i>	<i>Cul Arts II/III</i>	5659	FCSO	(050 and 060), (050 and 453), (450 and 060), (450 and 453)
<i>(2) Use this code for classes where students in levels II and III are scheduled in the same class period</i>				
<i>Cooperative Methodology/Supervision Periods (3)</i>	<i>Co-op Supv</i>	5698	FCSO	058, 059, 060, 061, 062, 451, 452, 453
<i>(3) The credit for Cooperative Methodology is awarded in the appropriate related vocational course in which the student is enrolled. Teachers who supervise this experience must hold proper endorsement <u>and</u> have completed the state-approved 40-hour training and internship or the state-approved course equivalent.</i>				
<i>Special Course -- Fam & Con Sc-Occ</i>	<i>Spec Crs</i>	(4)	FCSO	058, 059, 060, 061, 062, 451, 452, 453
<i>(4) Prior approval of special courses by the Division of Vocational-Technical Education is required.</i>				

VEPC -- Vocational Education Program Classification

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TP -- TECHNOLOGY PREPARATION**Abbreviation/Code****VEPC****Endorsement/Employment Standards*****HQ - Applied Communication/English III or IV (1)*** **AC/Eng** **3007** **TP** **007, 407**

(1) Teachers who teach this course must hold proper endorsement and have attended the state-approved, five-day training. This course satisfies either the English III or the English IV credit required for graduation. Changes to course title and standards for Applied Communication were approved by SBE October 2003.

HQ - Math for Technology I (2) **MT I** **3114** **TP** **013, 413**

(2) Teachers who teach this course must hold proper endorsement and have attended the state-approved five-day training.

HQ - Math for Technology II (3) **MT II** **3123** **TP** **013, 413**

(3) Teachers who teach this course must hold proper endorsement and have attended the state-approved, three-day training in addition to the Math for Technology I training. Previous experience in teaching Math for Technology I is recommended. This course may substitute for Algebra I.

HQ - Principles of Technology I (4) **PT I** **3220** **TP** **016, 017, 212, 214, 414, 416, 417**

(4) Teachers who teach this course must hold proper endorsement and have attended the state-approved, five-day training. This may substitute for one of the physical science credits required for graduation.

Principles of Technology I (5) **PT I** **3222** **TP** **016, 017, 212, 214, 414, 416, 417**
(for vocational credit)

(5) Teachers who teach this course must hold proper endorsement and have attended the state- approved, five-day training. This course may be offered for one vocational credit.

HQ - Principles of Technology II (6) **PT II** **3256** **TP** **016, 017, 212, 214, 414, 416, 417**

(6) Teachers who teach this course must hold proper endorsement and have attended the Principles of Technology I state-approved, five-day training. This course satisfies one science credit required for graduation. The completion of Principles of Technology I and II is equivalent to Physics I.

Principles of Technology II (7) **PT II** **3262** **TP** **016, 017, 212, 214, 414, 416, 417**
(for vocational credit)

(7) Teachers who teach this course must hold proper endorsement and have attended the Principles of Technology I state-approved, five-day training. This course may be offered for one vocational credit.

HQ - Biology for Technology (8) **Bio Tech** **3258** **TP** **015, 211, 415**

(8) Teachers who teach this course must hold proper endorsement and have attended the state-approved, five-day training. Biology for Technology may substitute for one of the life science credits required for graduation, equivalent to Biology I for college entrance.

Special Course - Tech Prep **Spec Crs** **(9) TP**

(9) Prior approval of special courses by the Division of Vocational-Technical Education is required.

VEPC -- Vocational Education Program Classification

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ME -- MARKETING EDUCATION	Abbreviation/Code		VEPC	Endorsement/Employment Standards
<i>HQ - Marketing & Management I - Principles</i>	<i>Market 1</i>	<i>5000</i>	<i>ME</i>	<i>052, 471, 472</i>
<i>Marketing & Management I Principles</i>				
<i>(for Vocational credit)</i>	<i>Market 1</i>	<i>5030</i>	<i>ME</i>	<i>052, 471, 472</i>
<i>HQ - Marketing & Management II -</i>				
<i>Advanced Strategies</i>	<i>Market 2</i>	<i>5001</i>	<i>ME</i>	<i>052, 471, 472</i>
<i>Marketing & Management II</i>				
<i>Advanced Strategies (for Vocational credit)</i>	<i>Market 2</i>	<i>5031</i>	<i>ME</i>	<i>052, 471, 472</i>
<i>HQ - Travel & Tourism Operations</i>	<i>Travel</i>	<i>5003</i>	<i>ME</i>	<i>052, 471, 472</i>
<i>Travel & Tourism-Operations</i>	<i>Travel</i>	<i>5033</i>	<i>ME</i>	<i>052, 471, 472</i>
<i>(for Vocational credit)</i>				
<i>HQ - Services Marketing</i>	<i>Serv Mkting</i>	<i>5004</i>	<i>ME</i>	<i>052, 471, 472</i>
<i>Services-Marketing (for Vocational credit)</i>	<i>Serv-Mkting</i>	<i>5034</i>	<i>ME</i>	<i>052, 471, 472</i>
<i>HQ - Entrepreneurship</i>	<i>Entrepre</i>	<i>5005</i>	<i>ME</i>	<i>052, 471, 472</i>
<i>Entrepreneurship (for Vocational credit)</i>	<i>Entrepre</i>	<i>5035</i>	<i>ME</i>	<i>052, 471, 472</i>
<i>HQ - Financial Services Marketing</i>	<i>Finance</i>	<i>5006</i>	<i>ME</i>	<i>052, 471, 472</i>
<i>Financial Services Marketing</i>	<i>Finance</i>	<i>5036</i>	<i>ME</i>	<i>052, 471, 472</i>
<i>(for Vocational credit)</i>				
<i>HQ - Technology in Marketing</i>	<i>Tech Mkting</i>	<i>5011</i>	<i>ME</i>	<i>052, 471, 472</i>
<i>Technology in Marketing (for Vocational credit)</i>	<i>Tech Mkting</i>	<i>5041</i>	<i>ME</i>	<i>052, 471, 472</i>
<i>HQ - Exploration of Marketing & Management</i>	<i>Mkting</i>	<i>5014</i>	<i>ME</i>	<i>052, 471, 472</i>
<i>Exploration of Marketing & Management</i>	<i>Mkting</i>	<i>5044</i>	<i>ME</i>	<i>052, 471, 47</i>
<i>(for Vocational credit)</i>				
<i>HQ - International Business & Marketing</i>	<i>International</i>	<i>5015</i>	<i>ME</i>	<i>039, 052, 054, 201, 202, 204, 311, 430, 435, 436, 471, 472</i>
<i>Exploration of Marketing & Marketing</i>	<i>International</i>	<i>5045</i>	<i>ME</i>	<i>039, 052, 054, 201, 202, 204, 311, 430, 435, 436, 471, 472</i>
<i>(for Vocational credit)</i>				
<i>HQ - Advertising & Public Relations</i>	<i>Advertising</i>	<i>5016</i>	<i>ME</i>	<i>052, 471, 472</i>
<i>Advertising & Public Relations</i>	<i>Advertising</i>	<i>5046</i>	<i>ME</i>	<i>052, 471, 472</i>
<i>(for Vocational credit)</i>				
<i>HQ - Marketing Information Management</i>	<i>Market Inf</i>	<i>5017</i>	<i>ME</i>	<i>052, 471, 472</i>
<i>Marketing Information Management</i>	<i>Market Inf</i>	<i>5047</i>	<i>ME</i>	<i>052, 471, 472</i>
<i>(for Vocational credit)</i>				

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ME -- MARKETING EDUCATION**Abbreviation/Code****VEPC****Endorsement/Employment Standards**

<i>HQ - Sales Management</i>	<i>Sales Mgt</i>	<i>5018</i>	<i>ME</i>	<i>052, 471, 472</i>
<i>Sales Management (for Vocational credit)</i>	<i>Sales Mgt</i>	<i>5048</i>	<i>ME</i>	<i>052, 471, 472</i>
<i>HQ – Organizational Leadership</i>	<i>Org Lead</i>	<i>5019</i>	<i>ME</i>	<i>052, 471, 472</i>
<i>Organizational Leadership (for Vocational credit)</i>	<i>Org Lead</i>	<i>5049</i>	<i>ME</i>	<i>052, 471, 472</i>
<i>HQ – Wholesale Operation</i>	<i>Wholesale</i>	<i>5020</i>	<i>ME</i>	<i>052, 471, 472</i>
<i>Wholesale Operation (for Vocational credit)</i>	<i>Wholesale</i>	<i>5050</i>	<i>ME</i>	<i>052, 471, 472</i>
<i>HQ – Retail Operation</i>	<i>Retail</i>	<i>5022</i>	<i>ME</i>	<i>052, 471, 472</i>
<i>Retail Operation (for Vocational credit)</i>	<i>Retail</i>	<i>5052</i>	<i>ME</i>	<i>052, 471, 472</i>
<i>HQ – Sports and Entertainment Marketing</i>	<i>Sports & Ent</i>	<i>5023</i>	<i>ME</i>	<i>052, 471, 472</i>
<i>Sports and Entertainment Marketing</i> <i>(for Vocational credit)</i>	<i>Sports 7 Ent</i>	<i>5053</i>	<i>ME</i>	<i>052, 471, 472</i>
<i>HQ – Foundations of the Hospitality Industry</i>	<i>Found Hosp Ind</i>	<i>5025</i>	<i>ME</i>	<i>052, 471, 472</i>
<i>Foundations of the Hospitality Industry</i> <i>(for Vocational credit)</i>	<i>Found Hosp Ind</i>	<i>5055</i>	<i>ME</i>	<i>052, 471, 472</i>
<i>HQ – Lodging Operations</i>	<i>Lodging</i>	<i>5026</i>	<i>ME</i>	<i>052, 471, 472</i>
<i>Lodging Operations (for Vocational credit)</i>	<i>Lodging</i>	<i>5056</i>	<i>ME</i>	<i>052, 471, 472</i>
<i>Cooperative Methodology/</i> <i>Supervision Periods (1)</i>	<i>Co-op Meth</i>	<i>5098</i>	<i>ME</i>	<i>052, 471, 472</i>
(1) The credit for Cooperative Methodology is awarded in the appropriate related vocational course in which the student is enrolled. Teachers who supervise this experience must hold proper endorsement <u>and</u> have completed the state-approved 40-hour training and internship or the state-approved course equivalent.				
<i>Special Course – Marketing</i>	<i>Spec Crs</i>	<i>(2)</i>	<i>ME</i>	<i>052, 471, 472</i>
(2) Prior approval of special courses by the Division of Vocational-Technical Education is required.				

VEPC -- Vocational Education Program Classification

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